



## MATERIAL SAFETY DATA SHEET

Container Dri® II

**Date-Issued:** 05/31/2002  
**MSDS Ref. No:** 5002  
**Date-Revised:** 08/23/2004  
**Revision No:** 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Container Dri® II  
**GENERAL USE:** Dehumidifying agent.

#### Manufacturer/Supplier

Süd-Chemie Performance Packaging  
 101 Christine Drive  
 Rio Grande Industrial Park  
 Belen, NM 87002  
**Customer Service:** 505-864-6691

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (U.S.):** (800) 424-9300  
**Canutec** (613) 996-6666  
**Emergency Phone:** 502-634-7200

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>
Calcium chloride		10043-52-4
Amylopectin, hydrogen phosphate, 2-hydroxypropyl ether		113897-92-1

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Dehumidifying package, size and type vary.

**IMMEDIATE CONCERNS:** There are little or no health hazards associated with intact packaged desiccant. However, health hazards do exist as a result of the dusts generated if the container is cut, split or otherwise compromised. Breathing dust may irritate nose, throat and lungs. Dust can be irritating to eyes and skin.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Route of exposure unlikely. Rubbing eyes after handling product may cause irritation. Use of proper chemical hygiene should prevent exposure.

**SKIN:** Route of exposure unlikely. Prolonged or repeated contact with package contents may cause irritation.

**INGESTION:** Route of exposure unlikely. Ingestion of large quantities may cause stomach and intestinal distress.

**INHALATION:** Route of exposure unlikely. Inhalation of package contents may cause irritation.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Irritation

**SKIN:** Irritation, rash.

**INGESTION:** Burning, irritation, upset stomach, intestinal distress.

**INHALATION:** Irritation of nose, throat and upper respiratory tract.

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**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Encourage fluid intake. Seek medical attention if symptoms develop or persist.

**INHALATION:** Remove to fresh air. Seek medical attention if cough or other symptoms develop or persist.

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**5. FIRE FIGHTING MEASURES**

**FLASHPOINT AND METHOD:** Material is not flammable

**EXTINGUISHING MEDIA:** Use extinguishing agent applicable to surrounding fire.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus operated in pressure-demand mode, (MSHA/NIOSH approved or equivalent) and full protective gear.

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**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** No special precautions required.

**LARGE SPILL:** With shovel or scoop, place material into appropriate container.

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**7. HANDLING AND STORAGE**

**HANDLING:** Use of proper hygiene practices in the workplace is recommended.

**STORAGE:** Store in a dry area.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE GUIDELINES:****OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)**

		<b>EXPOSURE LIMITS</b>			
		<b>OSHA PEL</b>		<b>ACGIH TLV</b>	
		<b>ppm</b>	<b>mg/m<sup>3</sup></b>	<b>ppm</b>	<b>mg/m<sup>3</sup></b>
Calcium chloride	<b>TWA</b>			[1]	
Amylopectin, hydrogen phosphate, 2-hydroxypropyl ether	<b>TWA</b>			[2]	

**OSHA TABLE COMMENTS:**

1. Not Established.
2. Exposure limits not established.

**ENGINEERING CONTROLS:** No special ventilation requirements.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** None needed during normal use and handling.

**SKIN:** Use of proper hygiene practices in the workplace is recommended.

**RESPIRATORY:** None needed during normal use and handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Solid

**ODOR:** None

**pH:** >7- Basic when exposed to water.

**SOLUBILITY IN WATER:** Soluble

**10. STABILITY AND REACTIVITY**

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** A rise in temperature may result from contact with water. Store in original container. Keep container tightly closed and dry.

**11. TOXICOLOGICAL INFORMATION****ACUTE**

**ORAL LD<sub>50</sub>:** 1 gm(Calcium Chloride)/kg rodent (rat)

**CARCINOGENICITY:**

**IARC:** Not listed.

**NTP:** Not listed.

**OSHA:** Not listed.

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**12. ECOLOGICAL INFORMATION****ECOTOXICOLOGICAL INFORMATION:**

Aquatic Toxicity (Calcium Chloride):

96-hr EC50 (T. tubifex) = 281,190 ug/L

48-hr EC50 (T. tubifex) = 389,050 ug/L

24-hr LC50 (T. tubifex) = 814,400 ug/L

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**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** This product, if discarded as sold, is not a RCRA hazardous waste. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

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**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not regulated

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**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:**

**FIRE:** NO **PRESSURE GENERATING:** NO **REACTIVITY:** NO **ACUTE:** YES **CHRONIC:** NO

**313 REPORTABLE INGREDIENTS:** Not listed.

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** Not listed.

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**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA STATUS:** All components are listed on the TSCA Inventory or are excluded or exempt.

**RCRA STATUS:** This product, if discarded as sold, is not a RCRA hazardous waste. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

**CLEAN AIR ACT**

**APPENDIX A: HAZARDOUS AIR POLLUTANTS (AIR TOXICS):** Not listed.

**CANADA**

**WHMIS (WORKER HAZARDOUS MATERIALS INFORMATION SYSTEM):** This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**WHMIS CLASS:** Does not meet classification criteria pursuant to the Canadian Hazardous Products Act.

**CANADA INGREDIENT DISCLOSURE LIST:** Does not contain chemicals listed on the Canadian Ingredient Disclosure List

**CANADIAN ENVIRONMENTAL PROTECTION ACT:** All ingredients are listed on the Canadian Domestic Substances List inventory.

**STATE REGULATIONS** California

**CALIFORNIA PROPOSITION 65:** This product does not contain chemical(s) known to the state of California to cause cancer, birth defects, or reproductive harm.

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**16. OTHER INFORMATION**

**APPROVED BY:** Prepared and Approved by SHE Dept. Sud-Chemie Inc

**REVISION SUMMARY**

**Date-Issued:** 05/31/2002

Revision #: 1 This MSDS replaces the May 31, 2002 MSDS. Any changes in information are as follows: In Section 3 Emergency Overview - Immediate Concerns Potential Health Effects - Skin Potential Health Effects - Ingestion In Section 5 (Group Field) for Flash Point General Hazards In Section 6 Small Spill Large Spill In Section 10 Conditions to Avoid In Section 12 Environmental Data Ecotoxicological Information In Section 13 Disposal In Section 15 RCRA Status WHMIS Class

**MANUFACTURER DISCLAIMER:** The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.